

## CLAIMS

1. Woven material comprising a first set of electrically conductive elements (12) and a second set of hollow fibres (14), the hollow fibres (14) containing electrophoretic material (18).

2. Woven material according to claim 1, wherein the first set of electrically conductive elements (12) is substantially perpendicular to the second set of hollow fibres (14).

3. Woven material according to claim 1 or 2, the woven material further comprising a third set of insulated electrically conductive elements (16).

4. Woven material according to claim 3, wherein the third set of elements (16) is substantially parallel to the second set of hollow fibres (14).

5. Woven material according to claim 1 or 2, the woven material further comprising a third set of electrically conductive elements (22).

6. Woven material according to claim 5, wherein the third set of elements (22) are contained within the second set of hollow fibres (14).

7. Woven material according to claim 1 or 2, the woven material further comprising a third set of hollow fibres (24), the hollow fibres (24) containing electrophoretic material (18).

8. Woven material according to claim 7, wherein the third set of hollow fibres (24) is substantially perpendicular to the second set of hollow fibres (14).

9. Woven material according to claim 1, wherein the first set of electrically conductive elements is substantially parallel to the second set of

hollow fibres, and the woven material further comprises a third set of inert fibres.

10. Woven material according to any preceding claim, wherein the  
5 electrophoretic material (18) includes a suspension fluid containing coloured electrically charged species.

11. Woven material according to claim 10, wherein the coloured electrically charged species are particles.

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12. Woven material according to claim 10, wherein the coloured electrically charged species are inverse micelles.

13. Woven material according to claim 11, wherein the suspension  
15 fluid is isoparaffinic solvent and the charged particles include a pigment.

14. A display device comprising woven material (10) according to any one of claims 1 to 7, electrical connectors (30, 32) connecting to the electrically conductive elements (12; 12, 22) and circuitry (34) connected to the  
20 electrical connectors (30, 32) and driving the display device (36).